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Dated: 10/20/04

Signature: *Paula Depelleau*

(Paula Depelleau)

6P1031
JFW
Docket No.: BURF-P01-010
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Preparata et al.

Application No.: 09/416,779

Filed: October 13, 1999

Art Unit: 1631

For: SYSTEMS AND METHODS FOR
SEQUENCING BY HYBRIDIZATION

Examiner: L. Clow

RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants received a Notice of Non-Compliant Amendment (37 CFR 1.121) mailed September 20, 2004 for the above-captioned matter. A copy of this Notice is enclosed.

Applicants respectfully resubmit the attached "Amendment to the Claims" section (Attachment A) of the Amendment filed on September 3, 2004, to replace the corresponding section of the Amendment. Said Amendment has been corrected by giving each claim the proper status identifier.

Applicants believe no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 18-1945, under Order No. BURF-P01-010 from which the undersigned is authorized to draw.

Dated: October 20, 2004

Respectfully submitted,

By *John D. Quisel*

John D. Quisel

Registration No.: 47,874

ROPES & GRAY LLP

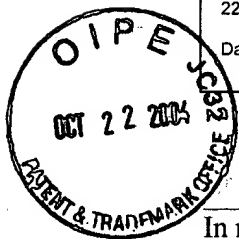
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ATTACHMENT A: AMENDMENT TO THE CLAIMS

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

This Revised Amendment to Claims is filed in response to the Notice of Non-Compliant Amendment dated September 20, 2004. This Amendment is revised only to include the status identifiers of certain claims to "canceled". The undersigned hereby authorizes any fees which may be due in connection with the present paper to be charged to Deposit Account 18-1945.

Please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Conclusion begins on page 5 of this paper.